

#### ABSTRACT

A system and method for the magnetic detection of the presence of objects in a blind angle of an automobile vehicle is disclosed. The system includes a first detector of distortion of the earth's magnetic field caused by the entry of a ferromagnetic object into a blind angle, a second, a third and possibly a fourth detector of magnetic distortion deriving from the vehicle's trajectory, inclination and/or vibration and magnetic fields generated inside the actual vehicle, respectively, all associated with an electronic circuit. The method includes employing the proposed system to, through the generation of a table relating trajectory, inclination and/or vibrations or magnetic fields generated inside the vehicle with a corresponding distortion of the magnetic field due to the specific circumstances, neutralize the effects of the possible magnetic distortion on the detection of the object.